

WHAT IS CLAIMED IS:

1. A method for polishing a glass hard disk platter, comprising polishing a glass hard disk platter using a stable slurry in which cerium(IV) oxide particles having an average secondary particle size of 0.1 to 0.5  $\mu\text{m}$  are dispersed in water and which contains  $\text{CeO}_2$  in a concentration of 0.2 to 30 wt%.
2. A method according to claim 1, wherein a proportion of cerium expressed as a ratio of (cerium oxide)/(cerium oxide + other rare earth oxides) in the cerium(IV) oxide particles is 95% or more based on weight.
3. The method according to claim 1, wherein a specific surface area of the cerium(IV) oxide particles is 2 to 200  $\text{m}^2/\text{g}$ .